

Federal Emergency Management Agency

Washington, D.C. 20472

September 30, 2009

CERTIFIED MAIL RETURN RECEIPT REOUESTED

The Honorable Timothy L. Hancock Mayor, City of Killeen Post Office Box 1329 Killeen, TX 76540

IN REPLY REFER TO:

Case No.:

08-06-2994P

Follows Conditional

Case No.:

03-06-1741R

Community Name: City of Killeen, TX

Community No.:

480031

Effective Date of

This Revision:

October 30, 2009

Dear Mayor Hancock:

The Flood Insurance Study report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Denton, Texas, at (940) 898-5127, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at http://www.fema.gov/nfip.

Sincerely,

Michael J. McGinn, Program Specialist **Engineering Management Branch**

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Mitigation Directorate

For: Kevin C. Long, Acting Chief

Engineering Management Branch

Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document Annotated Flood Insurance Rate Map Annotated Flood Insurance Study Report

Mr. Earl Abbott, CFM cc: **Building Official** City of Killeen

> Ms. Kathy Strimple, P.E., CFM HEB Grocery Company, LP

Mr. Coy D. Armstrong, P.E. Principal/Senior Project Manager Bury+Partners-SA, Inc.

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Follows Conditional Case No.: 03-06-1741R



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LETTER OF MAP REVISION DETERMINATION DOCUMENT

	COMMUNITY AND REVISION INFORMATION	PROJECT DESCRIPTION	BASIS OF REQUEST				
COMMUNITY	City of Killeen Bell County Texas	CHANNELIZATION CULVERT FILL	BASE MAP CHANGES FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA				
IDENTIFIER	COMMUNITY NO.: 480031 H.E.B. Grocery/City of Killeen	APPROXIMATE LATITUDE & LONGITU	•				
		SOURCE: USGS QUADRANGLE	DATUM: NAD 83				
	ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES					
TYPE: FIRM*	NO.: 48027C0280 E DATE: September 26, 2008	DATE OF EFFECTIVE FLOOD INSURANC PROFILE(S): 484P FLOODWAY DATA TABLE: 6	E STUDY REPORT: September 26, 2008				

Enclosures reflect changes to flooding sources affected by this revision.

FLOODING SOURCE(S) & REVISED REACH(ES)

Trimmier Road Ditch - from approximately 130 feet downstream of Trimmier Road to approximately 1,760 feet upstream

SUMMARY OF REVISIONS								
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases YES				
rimmier Road Ditch	Zone AE	Zone AE	YES					
	Floodway	Floodway	YES	YES				
	BFEs*	BFEs	NONE	YES				
	Zone X (shaded)	Zone X (shaded)	YES	YES				

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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^{*} FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map



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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the base (1-percent-annual-chance) flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

This revision has met our criteria for removing an area from the base floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base Flood Elevation.

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Frank Pagano
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
800 North Loop 288
Denton, TX 76209
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Michael J. McGinn, Program Specialist Engineering Management Branch Mitigation Directorate



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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET	MAP PANEL		
I EGODING GOOKGE	ESSANGRO RELEXENSES ELEVANOR	EFFECTIVE	REVISED	NUMBER(S)	
Trimmier Road Ditch	Approximately 380 feet upstream of Trimmier Road	869	868	48027C0280 E	
	Approximately 1,680 feet upstream of Trimmier Road	877	876	48027C0280 E	

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. This revision will become effective 30 days from the date of this letter. However, until the 90-day period has elapsed, the revised BFEs presented in this LOMR may be changed.

A notice of changes will be published in the *Federal Register*. A short notice also will be published in your local newspaper on or about the dates listed below. Please refer to FEMA's website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed changes, which will be posted within a week of the date of this letter.

LOCAL NEWSPAPER

Name: Killeen Daily Herald

Dates: 10/13/2009

10/20/2009

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Michael J. McGinn, Program Specialist Engineering Management Branch Mitigation Directorate

									_	REVISED	AREA					1
BASE FLOOD SURFACE ELEVATION	INCREASE		0.0	6.0	6.0	1.0	1.0	6.0	0.7	0.1	0.4	0.7	9.0	0.7	0.5	
	WITH FLOODWAY (NAVD)		823.1	836.2	836.5	838.5	8.898	869.3	901.0	901.5	934.1	938.6	947.7	952.9	965.1	
BASE FLOOD WATER SURFACE ELE	WITHOUT FLOODWAY (NAVD)		823.1	835.3	835.6	837.5	867.8	868.4	900.3	901.4	933.7	937.9	947.1	952.2	964.9	
	REGULATORY (NAVD)		823.1	835.3	835.6	837.5	8.798	868.4	6.006	901.4	933.7	937.9	947.1	952.2	964.9	
	MEAN VELOCITY (FEET PER SECOND)		8.31	4.69	5.40	3.71	7.23	9.55	4.42	8.57	4.80	5.56	5.71	3.49	9.13	
FLOODWAY	SECTION AREA (SQUARE FEET)		934	1,656	1,436	2,093	1,205	638	299	281	502	286	278	456	110	
	WIDTH (FEET)		133	161	182	238	135	114	220	80	131	55	140	243	59	
FLOODING SOURCE	DISTANCE'		4,915	6,178	6,638	6,748	11,375	11,737	15,191	15,599	19,115	19,814	20,622	21,191	22,310	
	CROSS SECTION	Trimmier Road Ditch	∢	Δ	O	D	Ш	Щ	9		_	7	¥		∑	¹ Feet above mouth

Note: In some cases the 100-year discharge is contained in the channel at the floodway elevation.

AND INCORPORATED AREAS FEDERAL EMERGENCY MANAGEMENT AGENCY

BELL COUNTY, TX

FLOODWAY DATA

REVISED TO
REFLECT LOMR
EFFECTIVE: October 30, 2009 TRIMMIER ROAD DITCH

TABLE 6



